



*Oxytropis nana* Nutt., a Wyoming endemic collected by Thomas Nuttall on his journey across Wyoming in 1834

## WYOMING NATIVE PLANT SOCIETY

Box 1471  
Cheyenne, WY 82003

Volume 9, Number 3 May 1990

**Treasurer's Report** - Balance as of February 15, 1990: \$457.85; deposits: dues \$17.00, T-shirt sales \$21.50; disbursements: newsletter printing \$14.56, stamps \$25.00, Secretary of State \$3.00, scholarships \$300.00; new balance as of May 11, 1990: \$153.79. RD

**Board Meeting** - The Board met on April 3 in Laramie to consider two scholarship applications and voted to award a scholarship of \$100 to Erik Hamerlynck and a scholarship of \$200 to Tim Evans, both from the University of Wyoming. Erik's project is "An investigation of possible subnivean photosynthesis in the subalpine species *Erythronium grandiflorum* Pursh and *Caltha leptosepala* DC." Tim's project is "A biogeographic study of *Haplopappus* section *Oenopsis* (Asteraceae)." RD

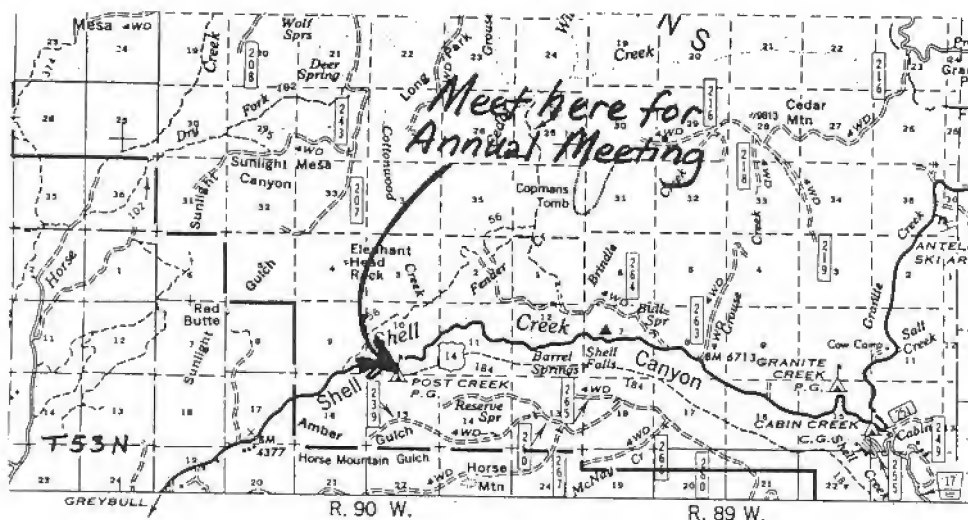
**Dues** - Dues are due by the annual meeting. Unless you have paid in advance, a dues notice is enclosed with the newsletter. RD

**Election of Officers** - Our nominees for officers are: President - Neil Snow; Vice-President - Nancy Kastning; Secretary-Treasurer - Robert Dorn; Board Member - Mary Neighbours. Write in votes are acceptable also. Mail votes are accepted before the annual meeting. Hollis Marriott is the carryover Board Member. RD

**ANNUAL MEETING 1990** - The annual meeting will be held in the Bighorn Mountains on July 21 and 22, 1990. We will meet at 8:30 a.m. on Saturday, July 21, at Post Creek Picnic Ground along the south side of U.S. Hwy 14. The meeting place is in the Bighorn National Forest about 20 miles east of Greybull or about 70 miles west of Sheridan. For those arriving Friday, there are three developed National Forest Campgrounds near the meeting place: (1) Cabin Creek, 8 miles east; (2) Shell Creek, 10 miles east; and Ranger Creek, 11 miles east. Undeveloped camping places are also available short distances from Hwy 14. Be sure to fill your gas tank at Greybull or Sheridan.

Schedule for Saturday: 1. Business meeting at Post Creek. 2. Observe, near Post Creek, a number of regional endemics including *Sullivantia hapemanii*, *Erigeron allocotus*, *Penstemon caryi* and *Kalsia uniflora*. 3. Visit Preacher Rock Bog and observe some Sheridan County rarities including *Equisetum sylvaticum*, *Carex gynocrates*, *Juncus regillii*, and *Ledum glandulosum*.

Schedule for Sunday (Optional): 1. Visit Medicine Wheel and Duncum Mtn. Road and look for *Asplenium viride* and *Botrychium* species. EE



**Germination of Wildflower Seeds** - The following are results of germination tests with wildflower seeds conducted over the last 5 years or so. Germination was on moist filter paper at about a 70 degree (F) constant temperature unless otherwise noted. Days cold stratification is also indicated for those species requiring it. RD

Species	Strat.	Germination		Remarks
		Days	Percent	
<i>Abies lasiocarpa</i>	30	15-19	40	
<i>Aquilegia coerulea</i>	60	12-35	10-90	
<i>Arenaria hookeri</i>		9	10	
<i>Aster glaucodes</i>		9-23	40-50	
<i>Calochortus gunnisonii</i>	60	2-3	20	
<i>Campanula rotundifolia</i>		6-26	15-26	viable w/4yrs. storage
<i>Ceanothus velutinus</i>	60	3	20	
<i>Cercocarpus montanus</i>		8-12	20	
<i>Chrysothamnus nauseosus</i>		3-28	30-50	viable w/4yrs. storage
<i>Clematis occidentalis</i>	60	29-53	20-40	
<i>Cleome serrulata</i>	60	3-15	10-11	
<i>Collomia debilis</i>		6	10	may have short viability
<i>Cryptantha cana</i>	30 helps	2-29	33	requires cool temp
<i>Delphinium barbeyi</i>	60	5	10	requires cool temp
<i>Delphinium bicolor</i>	60	1	15-20	requires cool temp
<i>Epilobium angustifolium</i>		8-33	33	
<i>Erigeron compositus</i>		4-19	40-90	
<i>Gaillardia aristata</i>		2-10	30-50	
<i>Gaura neomexicana</i>		28	10	
<i>Haplopappus spinulosus</i>		4-21	20-40	viable w/4yrs. storage
<i>Hymenoxys acaulis</i>		5-12	25-100	viable w/4yrs. storage
<i>Hymenoxys grandiflora</i>		3-14	100	
<i>Ipomoea leptophylla</i>		4-10	20-60	
<i>Jamesia americana</i>	60	5-13	60-70	
<i>Kalmia microphylla</i>		10-30	27-50	
<i>Liatris ligulistylis</i>	60	9	40	
<i>Liatris punctata</i>		3-19	80-100	
<i>Lilium philadelphicum</i>		6-15	40-80	
<i>Lupinus argenteus</i>		1-45	80	scarify first
<i>Machaeranthera canescens</i>		3-15	40-70	
<i>Mentzelia nuda</i>	60	1-3	40	
<i>Mimulus lewisii</i>		5-25	35-60	
<i>Monarda fistulosa</i>		4-28	50-80	
<i>Oenothera howardii</i>		5-35	10-50	
<i>Opuntia polyacantha</i>	60	6-17	20-40	
<i>Oxalis dillenii</i>	60	3-4	40	
<i>Oxytropis multiceps</i>		2-15	100	scarify first
<i>Oxytropis splendens</i>		3	100	scarify first
<i>Penstemon fruticosus</i>	90	2	10	may need cool temp
<i>Penstemon grandiflorus</i>	30	3-20	20-40	
<i>Pentaphylloides floribunda</i>		7-22	90	
<i>Phacelia sericea</i>	60 helps	1-15	10-40	cool temp helps
<i>Philadelphus microphyllus</i>	30	3-8	20-80	
<i>Phyllodoce empetriformis</i>		11-33	15	
<i>Pinus ponderosa</i>		5-7	60-100	
<i>Pseudotsuga menziesii</i>		5	20	
<i>Ratibida columnifera</i>		3-27	7-90	
<i>Rudbeckia hirta</i>	30	3-4	40	
<i>Sedum lanceolatum</i>		11	5	
<i>Senecio spartioides</i>		5-14	70	
<i>Silene acaulis</i>		5-33	20	
<i>Sphaeralcea coccinea</i>	60	7-30	40	
<i>Sphaeromeria capitata</i>		3-26	100	
<i>Spiraea splendens</i>	90	6-29	20-50	
<i>Thermopsis montana</i>		3-24	10-90	scarify first, viable 4yrs
<i>Townsendia nuttallii</i>		3-11	80	
<i>Trifolium dasyphyllum</i>		2-5	100	scarify first
<i>Xerophyllum tenax</i>	90	2	33	
<i>Yucca glauca</i>		6-29	60-100	

**Contributors This Issue** - RD = Robert Dorn, EE = Erwin Evert, HJM = Hollis J. Marriott.

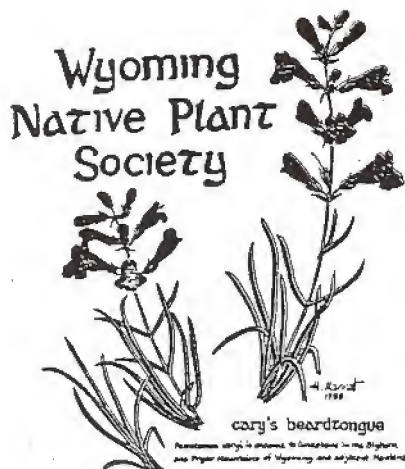
Wyoming Native Plant Society T-Shirts are still available. Information on ordering and the design are indicated below. Make checks payable to Mary Neighbours and mail to her at the address indicated below.

Name & Mailing Address _____	Sizes: S (34-36) _____
_____	M (38-40) _____
_____	L (42-44) _____
_____	XL (46-48) _____
Local phone: _____	Total number: _____
	of shirts _____
	Amount due: _____
	(Total X \$9.00)
Cost: \$9.00 per shirt	Postage: _____
\$2.40 per shirt for mailing	(Total X \$2.40)
	Grand Total: \$ _____

T-shirts have short sleeves, are 100% preshrunk cotton, and will not shrink especially if washed in cold water.

Colors: Blue and green on cream background with black writing.

Contact: Mary Neighbours  
P.O. Box 3165  
University of Wyoming  
Laramie, WY 82071  
(307) 766-3441



**CONSERVANCY EXPANDS IN WYOMING** The Nature Conservancy is an international conservation organization dedicated to preserving natural diversity. Often referred to as the "Real Estate Arm of the Conservation Movement," TNC has been responsible for setting aside over 3.5 million acres in the US since 1951. The Conservancy's Wyoming Field Office, which opened last July in Lander, now has a staff of four. At the helm is Ben Pierce, State Director, who came to Wyoming from the Big Sky Field Office in Montana. Paula Patton, Administrative Assistant, was working for TNC's Great Plains Field Office in Minnesota when she heeded the call of Wild-oming. David Neary, former Director of the Wyoming Division of the National Outdoor Leadership School is the Director of Land Protection. Along with the Wyoming Natural Diversity Database staff in Laramie, Dave sets Wyoming's protection priorities. The most recent staff addition is Randy Brown, in the position of Director of Development. Randy comes to Wyoming from the Chattanooga Nature Center in Tennessee, to coordinate fundraising and membership drives.

As of March of this year, the Conservancy has every state in the US covered by a field office. For membership (or any other!) information, contact Paula--Box 450, Lander, 82520; (307) 332-2971. By joining through this office, 100% of your contribution will be used towards protection of natural diversity in Wonderful Wyoming. HJM

Dues Notice

Regular \$3.00 \_\_\_\_\_  
Student \$1.50 \_\_\_\_\_  
Senior 65 or over \$1.50 \_\_\_\_\_

(New memberships are \$7.00, or \$3.50 for students & seniors)

Optional scholarship fund donation \_\_\_\_\_

Make checks payable to: Wyoming Native Plant Society  
Box 1471  
Cheyenne, WY 82003

Ballot

President  
Neil Snow \_\_\_\_\_  
Vice-President \_\_\_\_\_  
Nancy Kastning \_\_\_\_\_  
Secretary-Treasurer \_\_\_\_\_  
Robert Dorn \_\_\_\_\_  
Board Member \_\_\_\_\_  
Mary Neighbours \_\_\_\_\_  
\_\_\_\_\_

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